Freeform Search

Database:
```
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins
```

Term:
```
L36 and (spiral or helical)
```

Display: `10` Documents in **Display Format:** `-` **Starting with Number** `1`

Generate: ○ Hit List ◉ Hit Count ○ Side by Side ○ Image

[Search] [Clear] [Interrupt]

Search History

DATE: Tuesday, September 20, 2005   Printable Copy   Create Case

Set Name side by side	Query	Hit Count	Set Name result set
	DB=PGPB,USPT,USOC,EPAB,JPAB; PLUR=YES; OP=ADJ		
L37	L36 and (spiral or helical)	67	L37
L36	L35 and (brush or comb)	849	L36
L35	(399/353,343,358)![CCLS]	1914	L35
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
L34	bidirectional helix or bidirectional spiral	11	L34
L33	bi-directional helical	13	L33
L32	bidirectional helical	14	L32
L31	bidirectional helical brush	0	L31
	DB=USPT; PLUR=YES; OP=ADJ		
L30	3895135.pn.	1	L30
L29	4395113.pn.	1	L29
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
L28	L25 and (photoreceptor or toner or image or print$3)	33	L28
L27	L26 and (photoreceptor or toner or image or print$3)	76	L27
L26	spiral brush or helical broom or helical sweeper or spiral comb	470	L26

L25	helical brush or helical comb	267	L25
L24	L4 and (helical)	22	L24
L23	L4 and (helix adj5 comb)	0	L23
L22	L4 and (helical adj5 comb)	1	L22
L21	L4 and (helical adj5 brush)	1	L21
L20	L4 and (flat brush or bidirectional brush or bi-directional brush or sweeping brush or circular brush or rotating brush or rotatable brush or rotational brush or tubular brush)	57	L20
L19	L4 and (flat brush or bidirectional brush or bi-directional brush or sweep$3 brush or circular brush or rotat$5 brush)	77	L19
L18	L13 and (to adj5 side$1 or toward adj5 side$1)	55	L18
L17	L13 and (from center)	0	L17
L16	L13 and (from adj1 center or to$4 adj5 side$1)	0	L16

DB=USPT; PLUR=YES; OP=ADJ

L15	L14 and "brush"	1	L15
L14	5349429.pn.	1	L14

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

L13	L12 and (brush)	490	L13
L12	(clean$3 or wash$3 or waste or waste remov$3 or particle$1 remov$3) and (toner waste or toner debri$1 or toner particles) and (blade) and (lubricant or lubricat$3) and (auger or vaccuum or vacuum)	703	L12
L11	(clean$3 or wash$3 or waste or waste remov$3 or particle$1 remov$3) and (toner waste or toner debri$1 or toner particles) and (blade) and (lubricant or lubricat$3) and (auger or vaccuum)	95	L11
L10	(clean$3 or wash$3 or waste or waste remov$3 or particle$1 remov$3) and (toner waste or toner debri$1 or toner particles) and (blade) and (lubricant or lubricat$3) and (auger)	94	L10

DB=PGPB,USPT,USOC,EPAB,JPAB; PLUR=YES; OP=ADJ

L9	L8 and (lubricat$3 or lubricant)	75	L9
L8	L7 and (blade)	139	L8
L7	L6 and (vacuum or vaccuum or auger or suction)	144	L7
L6	L5 and (toner waste or toner debri$1 or toner particle$1)	374	L6
L5	L4 and (clean$3 or wash$3 or waste or waste remov$3 or particle$1 remov$3)	2327	L5
L4	(399/346,350,349)![CCLS]	2466	L4

DB=USPT; PLUR=YES; OP=ADJ

L3	4890494.pn.	1	L3
L2	44890494.pn.	0	L2
L1	4222044.pn.	1	L1

END OF SEARCH HISTORY

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Term: L6 and (libricat$3 or lubricant)

Display: 10 Documents in **Display Format:** - **Starting with Number** 1

Generate: O **Hit List** ⊙ **Hit Count** O **Side by Side** O **Image**

Search   Clear   Interrupt

Search History

DATE: Tuesday, September 20, 2005   <u>Printable Copy</u>   <u>Create Case</u>

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
	DB=PGPB,USPT,USOC,EPAB,JPAB; PLUR=YES; OP=ADJ		
<u>L7</u>	L6 and (libricat$3 or lubricant)	59	<u>L7</u>
<u>L6</u>	L4 and (blade)	121	<u>L6</u>
<u>L5</u>	L3 and (blade)	353	<u>L5</u>
<u>L4</u>	L3 and (vacuum or auger)	126	<u>L4</u>
<u>L3</u>	L2 and (toner waste or toner particles)	373	<u>L3</u>
<u>L2</u>	L1 and (clean$3 or wash43 or waste or waste remov$3)	2327	<u>L2</u>
<u>L1</u>	(399/346,349,350)![CCLS]	2466	<u>L1</u>

END OF SEARCH HISTORY